

**In The United States Patent and Trademark Office**

Application Number: 10/532,079

Application Filed on 4/21/2005

Applicant: Jacek Marczyk

Title: A Process for the Creation of Fuzzy Cognitive Maps from Monte Carlo Simulation  
Generated Meta Model

Art Unit: 2129

Examiner: Wilbert Starks, Jr.

November 27, 2006

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

**Amendments**

In response to the Office Action Mailed June 27, 2006, please amend the above application as follows:

**CLAIMS:**

Please cancel claims 1 through 6 and  
substitute the following new claims 7 through 13

1-6 (CANCELED)

7. (NEW) A process for creating optimized elements of a device, comprising:

- (a) selecting an equation or set equations that models the behavior of the elements of a device;
- (b) selecting a range for each input variable in said equation or set of equations;
- (c) selecting the number of trials;